

Product sheet

LN18 | 305822

LN18

**Description** LN-18 is a cell line derived from a patient with a melanoma. It is a highly tumorigenic cell line that grows in suspension. LN-18 is a melanoma cell line that is highly tumorigenic and grows in suspension. It is derived from a patient with a melanoma. LN-18 is a melanoma cell line that is highly tumorigenic and grows in suspension. It is derived from a patient with a melanoma.

**Organism** Human

**Tissue** Skin, Melanocytes

**Disease** Melanoma

**Synonyms** LN 18, LN18, LN018

Characteristics

**Age** 61 years

**Gender** Male

**Ethnicity** Caucasian

**Growth properties** Adherent

References

**Citation** LN-18 (ATCC CCL-222) Cytion 305822

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0392

HLA typing

**Antigen expression** HLA A2, A9, B5, BW35, DRW3

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**Oncogenes** P53+ (TGT (Cys) --> TCT (Ser) 238); PTEN+ (p16- (p14ARF- (

**Tumorigenic** ; , , CDKN2A, PIK3CB, p.Glu1051Lys (c.3151G>A), TP53, p.Cys2

**Mutational profile** CDKN2A, PIK3CB, p.Glu1051Lys (c.3151G>A), TP53, p.Cys2

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**Culture Medium** DMEM, w: 4.5 g/L , w: 4 mM L- , w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)

**Supplements** 5% FBS

**Dissociation Reagent**

**Doubling time** 72

**Freeze medium** (FBS) + 10% DMSO

**Thawing and Culturing Cells**

- 1. ...
- 2. ... -150°C ...
- 3. ... 37 ...
- 4. ... 70% ...
- 5. ... 15 ... 8 ...
- 6. ... -300 x g ... 3 ...
- 7. ... -10 ...
- 8. ...

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>,  $\alpha$ -MEM

**Flask Coating** Cell culture grade, non-adhesive, non-toxic

**Freezing Procedure** Harvest cells into 10-15 ml of freezing medium, aliquot into 1 ml vials, store at -78°C

**Shipping Conditions** Dry ice, -78°C

**Storage Conditions** -150 to -196 °C, 196 °C, 196 °C

HLA

**Sterility** Sterile, PCR compatible